

RTD-304

Forecasted Crop Revenue and Job Loss Impacts from Increasing Delta Salinity

Crop Category	Crop Category Average Revenue per Acre	Forecast Acreage					Total Revenue				
		Baseline	25% Salinity Increase	50% Salinity Increase	100% Salinity Increase	200% Salinity Increase	Baseline	25% Salinity Increase	50% Salinity Increase	100% Salinity Increase	200% Salinity Increase
[column]	[a]	[b]	[c]	[d]	[e]	[f]	[g]	[h]	[i]	[j]	[k]
Deciduous	\$4,612	6,954	5,971	5,051	3,486	1,499	\$32,071,848	\$27,538,252	\$23,295,212	\$16,077,432	\$6,913,388
			Percent Change from Baseline, Positive/(Negative)					(14.1%)	(27.4%)	(49.9%)	(78.4%)
Field	\$780	80,752	83,621	85,246	85,011	74,848	\$62,986,560	\$65,224,380	\$66,491,880	\$66,308,580	\$58,381,440
			Percent Change from Baseline, Positive/(Negative)					3.6%	5.6%	5.3%	(7.3%)
Grain	\$426	15,925	19,197	22,734	30,335	45,892	\$6,784,050	\$8,177,922	\$9,684,684	\$12,922,710	\$19,549,992
			Percent Change from Baseline, Positive/(Negative)					20.5%	42.8%	90.5%	188.2%
Pasture	\$116	2,963	3,757	4,667	6,810	12,056	\$343,708	\$435,812	\$541,372	\$789,960	\$1,398,496
			Percent Change from Baseline, Positive/(Negative)					26.8%	57.5%	129.8%	306.9%
Truck	\$3,903	29,804	24,460	19,843	12,741	5,029	\$116,325,012	\$95,467,380	\$77,447,229	\$49,728,123	\$19,628,187
			Percent Change from Baseline, Positive/(Negative)					(17.9%)	(33.4%)	(57.3%)	(83.1%)
Vineyard	\$3,566	3,519	2,911	2,376	1,534	594	\$12,548,754	\$10,380,626	\$8,472,816	\$5,470,244	\$2,118,204
			Percent Change from Baseline, Positive/(Negative)					(17.3%)	(32.5%)	(56.4%)	(83.1%)
Totals	\$1,651	139,917	139,917	139,917	139,917	139,918	\$231,059,932	\$207,224,372	\$185,933,193	\$151,297,049	\$107,989,707
Scenario Revenue Losses from Baseline								(\$23,835,560)	(\$45,126,739)	(\$79,762,883)	(\$123,070,225)

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	\$1,651										
		Land Loss of 5,404 acres to Tunnels alignment						(\$8,924,204)	(\$8,924,204)	(\$8,924,204)	(\$8,924,204)
		Crop + Land Direct Revenue Losses						(\$32,759,764)	(\$54,050,943)	(\$88,687,087)	(\$131,994,429)
		Job Loss to Delta Counties (estimated from Table 13, DESP)	Direct Job Losses (at \$197,434 of total direct output per Delta farm job)					(166)	(274)	(449)	(669)
			Indirect Job Losses (at \$93,865 indirect output per Delta farm job)					(163)	(268)	(440)	(655)
			Induced Job Losses (at \$146,592 induced output per Delta farm job)					(60)	(99)	(163)	(243)
			Total Job Losses to Delta Counties						(389)	(641)	(1,053)
		Job Loss to California (estimated from Table 14, DESP)	Direct Job Losses (at \$159,835 total direct output per Delta farm job)					(205)	(338)	(555)	(826)
			Indirect Job Losses (at \$81,337 total indirect output per Delta farm job)					(221)	(365)	(598)	(890)
			Induced Job Losses (at \$163,024 total induced output per Delta farm job)					(93)	(154)	(253)	(377)
			Total Job Losses to California						(519)	(857)	(1,406)